

Form PTO-1449 U.S. Department of Commerce
Equivalent Patent and Trademark Office

Atty. Docket No. 520.32696CX5
Serial No. (not yet assigned) 07/732,292
Applicant: I. ARAI, et al
Filing Date: December 8, 2000
Group: 2181
Page 1 of 2

U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
RP	6,012,103	1/00	Sartore et al		
	5,948,091	9/99	Kerigan et al		
	5,909,592	6/99	Shipman		
	5,896,546	4/99	Monahan et al		
	5,887,147	3/99	Arai et al		
	5,599,231	2/97	Hibino et al		
	5,550,966	8/96	Drake et al		
	5,483,255	1/96	Numao		
	5,457,473	10/95	Arai, et al		
	5,375,210	12/94	Monnes et al		
	5,353,423	10/94	Hamid et al		
	5,317,691	5/94	Traeger		
	5,309,504	5/94	Morganstein		
	5,282,247	1/94	McLean et al		
	5,276,875	1/94	Satoh		
	5,276,458	1/94	Sawdon		
	5,010,238	4/91	Kadono et al		
	4,991,023	2/91	Nicols		
	4,922,448	5/90	Kunieda et al		
	4,893,248	1/90	Pitts et al		
	4,800,376	1/89	Suga et al		
	4,747,041	5/88	Engel et al		
	4,450,535	5/84	De Pommeroy et al		
RP	4,047,158	9/77	Jennings		

Form PTO-1449 U.S. Department of Commerce
Equivalent Patent and Trademark Office

Atty. Docket No. 520.32696CX5

Serial No. (not yet assigned)

Applicant: I. ARAI, et al

Filing Date: December 8, 2000

Group:

Page 2 of 2

Foreign Patent Documents

Document No.	Date	Country	Class	Subclass	Translation	
					Yes	No
61-84688	4/86	Japan				
DE 37 22 169 A1	1/89	Germany				
1-321475	12/89	Japan				
2-250576	10/90	Japan				
3-56931	3/91	Japan				
3-116093	5/91	Japan				
3-261995	11/91	Japan				
EP 0 456 923 A1	11/91	European				
5-46106	2/93	Japan				
5-232918	9/93	Japan				
DE 43 36 116 A1	5/94	Germany				
0612053A1	8/94	European				

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

RAYMOND PHAN

Date Considered

7-20-01

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.